

FIG. 1

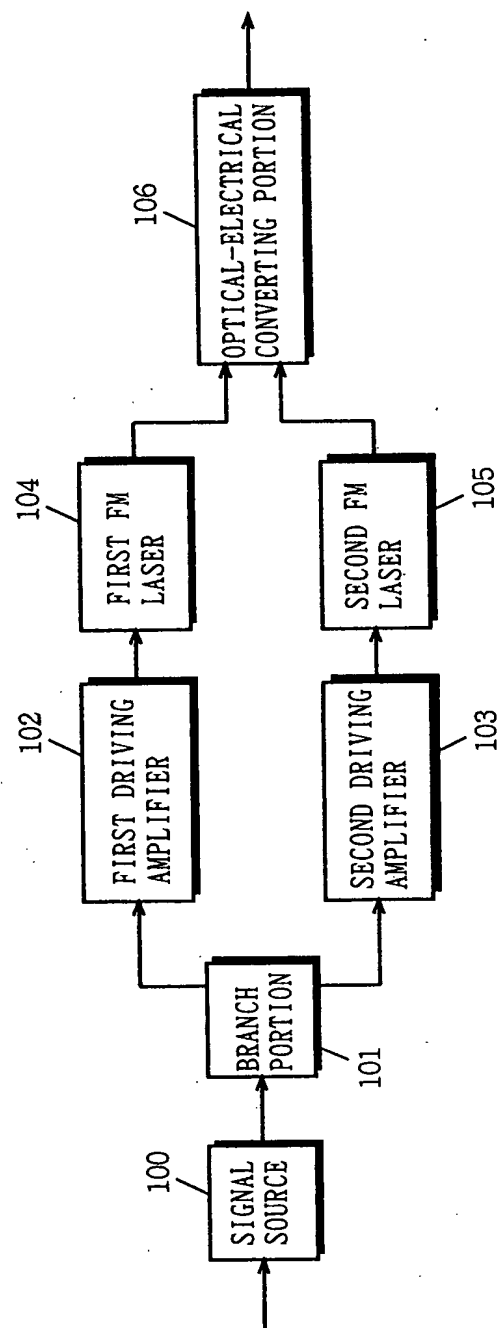
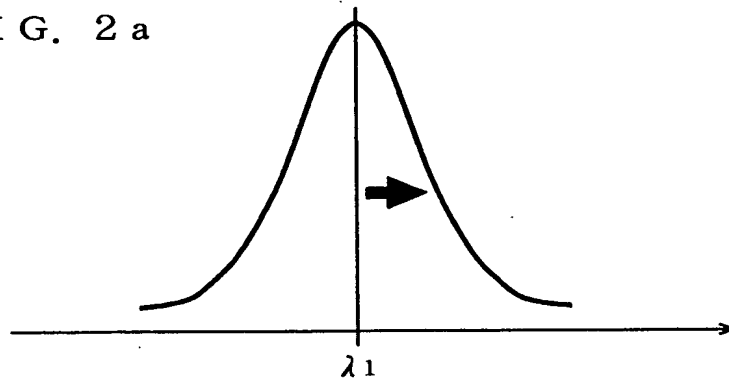
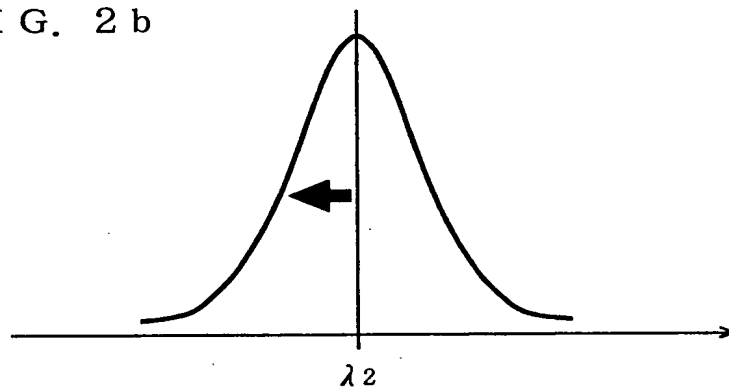


FIG. 2 a



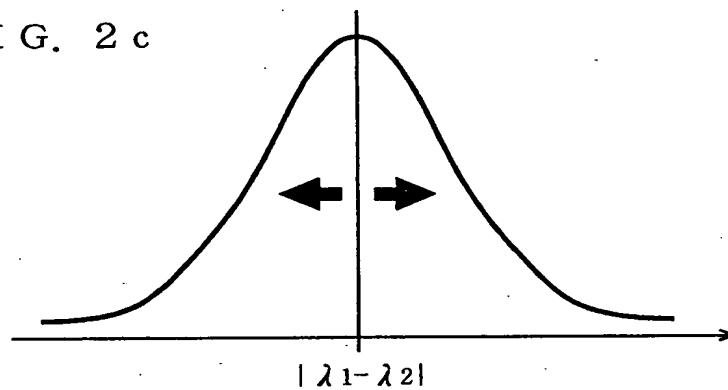
SPECTRUM OF OPTICAL FREQUENCY-MODULATED  
SIGNAL FROM FIRST FM LASER 104

FIG. 2 b



SPECTRUM OF OPTICAL FREQUENCY-MODULATED  
SIGNAL FROM SECOND FM LASER 105

FIG. 2 c



SPECTRUM OF WIDE-BAND FM SIGNAL FROM  
OPTICAL-ELECTRICAL CONVERTING PORTION 106

FIG. 3

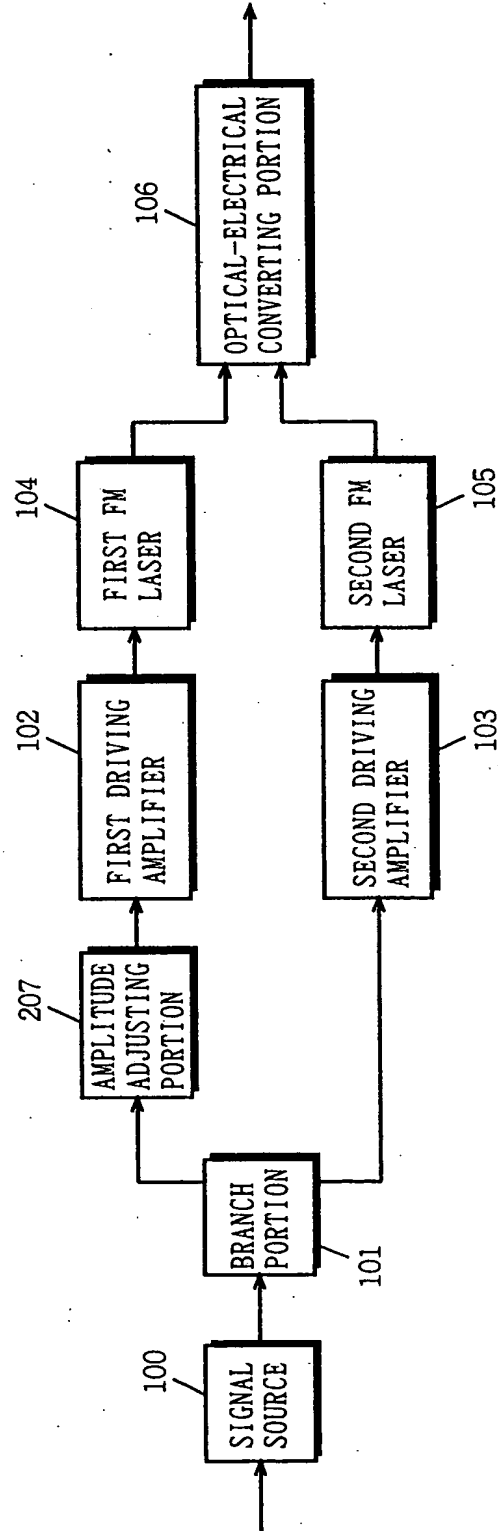


FIG. 4

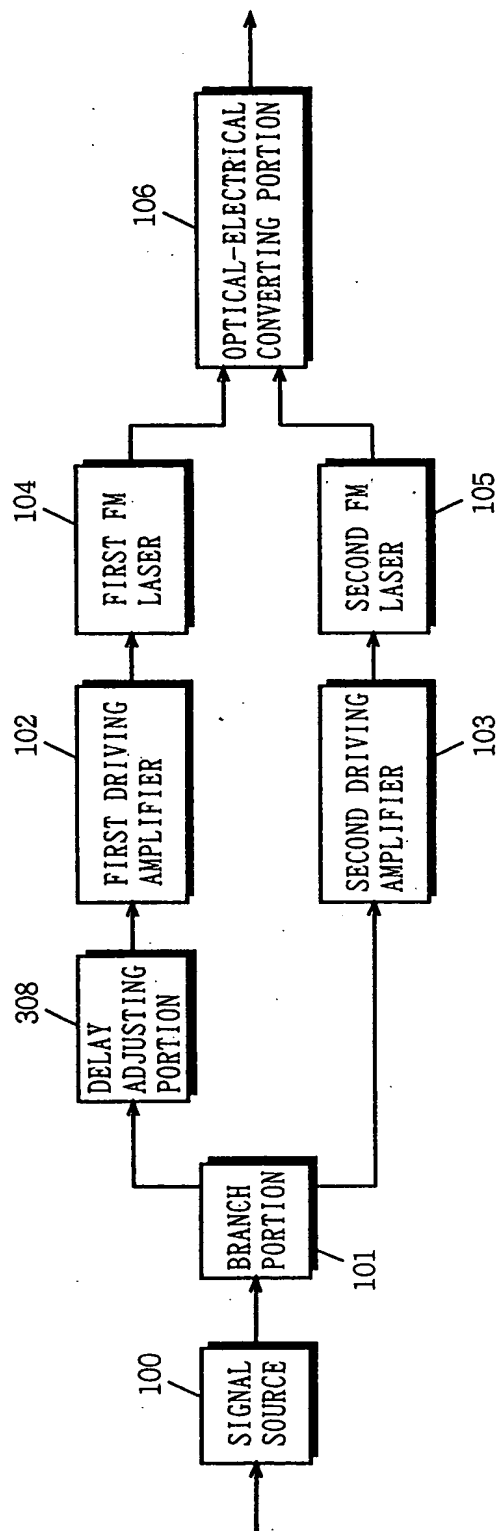


FIG. 5

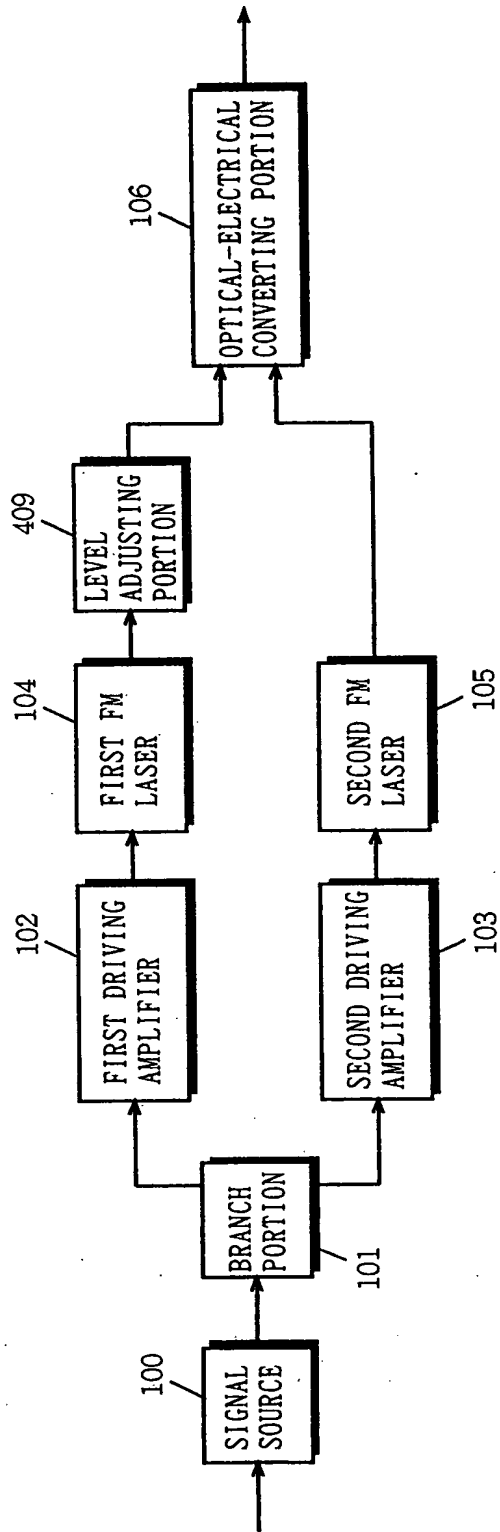
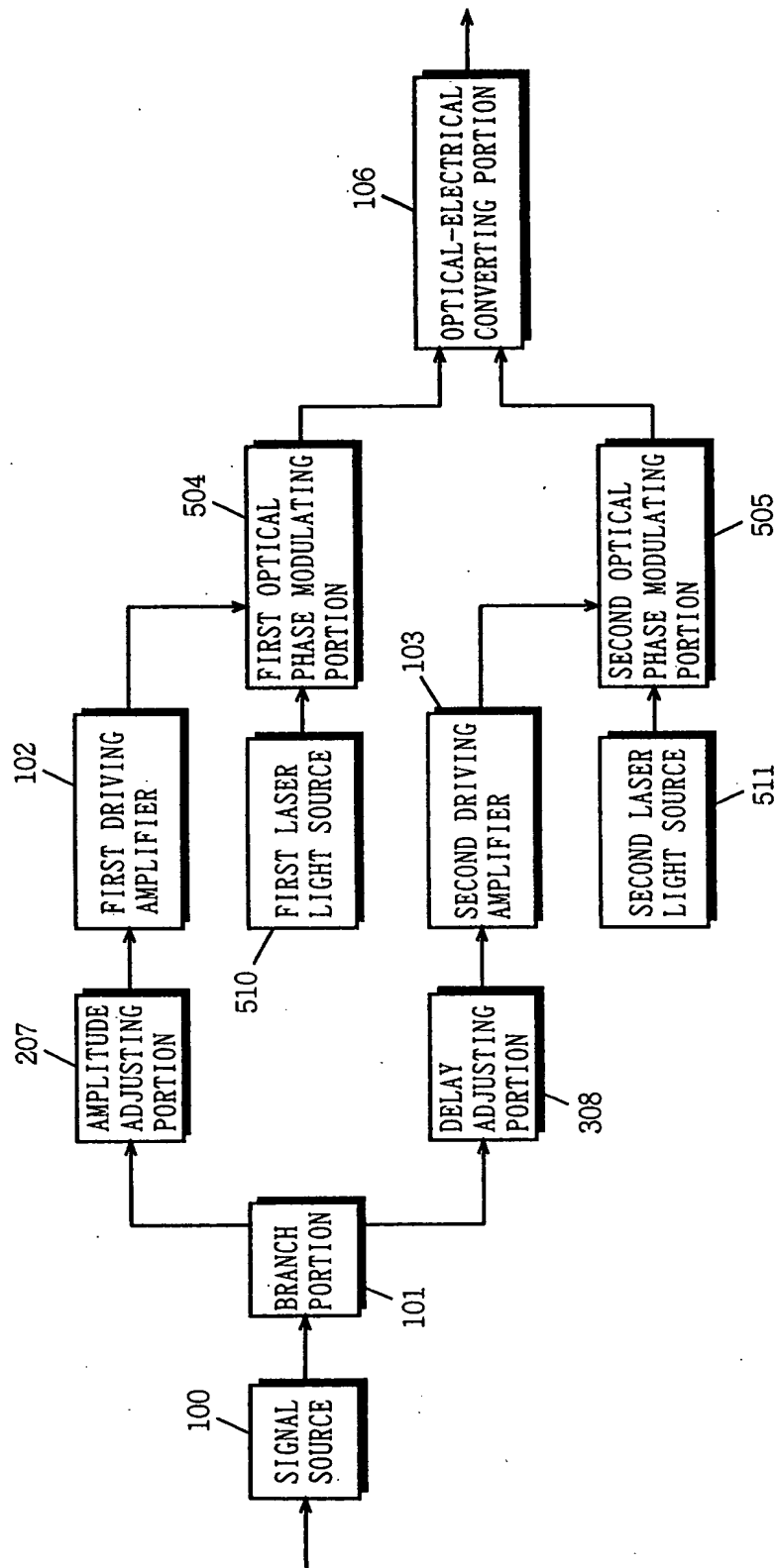


FIG. 6



F I G. 7 PRIOR ART

